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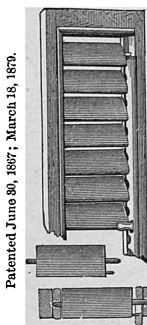
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HAMMOND'S WINDOW SASH SPRINGS, the simplest, most convenient and most durable made for supporting (when open) and locking (when closed) the sashes of windows of all sizes. In windows having weights, these springs can be used as a *cash lock*, not only to lock the sashes when closed, but to lock them *when open* for ventilation, thus preventing the entrance of thieves. 1 set, style B, with silver-plated thumb-pieces, mailed for 20 cts. 1 set, style A, 15 cts. These are finished in Berlin bronze, and the thumb-pieces can be decorated with gold bronze. Circulars with samples give cuts and full directions for applying to window, etc. Manufactured by W. S. HAMMOND, Lewisberry, York Co., Pa.

ACME WINDOW BLIND.



Patented June 30, 1887; March 13, 1890.

The attention is called to the advantages possessed by the **ACME WINDOW BLIND** over the old style of shutters, the construction of which is fully illustrated in the engraving. The slats are operated by a knob attached to a movable bead at one end, thus doing away with the unsightly center-rod. The pins supporting and operating the slats are of metal, which do not shrink or swell by atmospheric changes, thus permitting a better fit and avoid all rattling. The slats can be rolled in either direction, and closed so tightly that no light will be admitted. They will also remain in any position. Broken slats are easily replaced, only the screws securing the bead having to be removed. These blinds are endorsed by the leading architects as the best and most complete inside blind manufactured, and adopted in the lately furnished dwellings of the Vanderbilts, Goodels, Stuart, Bishop, Morgan, Ruppert, Hoffman House, Progress Club, Knickerbocker Apartment building, and many other modern and first-class buildings. We invite their examination by those intending to furnish.

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Patentees and Sole M^{rs}.

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Also, ¾ inch Fancy Wood Carpet Floors.
Book of Designs, 3 cts.



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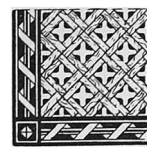


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Boston Polish
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HARD WAX
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The Butcher Polish Co.
MANUFACTURERS
Of the only suitable Finish
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preserves the natural color
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Easily applied, cheap and
durable. Put up in convenient
packages, with directions.
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Circular and Price List mailed on application.
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Choice Designs in Marquetry
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No. 15 East Twenty-seventh Street, between Fifth and Madison Aves., New York.

No connection whatever with any other house. The "Original Hankinson" and the Only One of that Name Establish in the Business in the City. Orders by mail or otherwise promptly attended to. No charge for cartage. Notify if carpets are to be taken up.

STEAM CARPET CLEANING WORKS OF

P. FREEMAN, successor to Every & Freeman,

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To my Friends and the Public.—Send your orders. I guarantee that all Carpets will be thoroughly cleaned and freed from moth, dust, spots and stains, and we air Carpets thoroughly. I have a reliable system for Packing Carpets for store house or the summer, and warrant them from the ravages of moth. Carpets taken up, cleaned and relaid. I will, also work from out of the city promptly attended to. We would respectfully announce to those having Fine Carpets to clean, that we have for a succession of years past done work for the house of Messrs. Pottier & Styum Co., to whom we refer for our responsibility and work.

HINTS AND NOTIONS.

Decorations for Christmas. When holly and mistletoe are scarce, very pretty and effective varieties are made by introducing bullrushes, teazle-heads, pampas-grass, or any of the tall brown grasses to be found growing near water in the country. These should be gathered in the autumn and well dried. If the bullrush heads are too ripe and shed their seeds, they should be dipped in gum water. Mountain ash berries and hips and haws should be gathered in the autumn, too, and preserved for Christmas use by soaking in strong brine. Lichens are very useful as a background for red lettering, or to form the letters themselves. The gray lichen can frequently be torn off in large pieces from the trunks of trees, and this variety is the most useful for lettering; but twigs and branches covered with moss and lichen should be preserved just as they grow, as very quaint and effective decorations can be made by grouping these in masses, with trails of ivy hanging from them.

If artificial frost is wished for, crushed glass—sold under the name of "frost"—answers the best, or it can be made at home by crushing white glass—old white bottles or pieces of broken window pane—with a garden roller. It is more effective than epsom salts—the coarse kind of which, however, is often used when glass cannot be procured. In either case it is sprinkled over the surface of the leaves or cotton-wool snow, which have previously been coated with strong colorless gum.

In small rooms, it is not advisable to use artificial frost or snow of any kind, as it will not bear close scrutiny, and distance is necessary to give it a proper effect. A judicious use of gray lichen amongst glossy green leaves gives a very wintry appearance, and will not only bear close inspection, but does not look tawdry in the glaring light of day, which cannot be said for any other artificial.

From Stiepevich & Pattison.

NEW YORK.

Gentlemen:—We have received so many replies from our "ad." with you, asking for prices and catalogues, that we are compelled to ask you to mention in your paper that we make up no catalogues, and can only give estimates on plans submitted.

Yours truly,

STIEPEVICH & PATTISON.

Elephant heads project from a richly embossed plate, the trunks serving as hat racks; a brass basket is held aloft by three spears stacked triangularly, the heads of which pierce the sides; tables are wreathed with gilt chains, ball pendants between the loops; a simulated willow tree bends under the weight of a card receiver; writing sets in oxidized silver that might have belonged to a medieval baron lie on stands engirt with reptiles; gas jets spring up amidst artistic groups to flash on them intenser radiance than that afforded by more distant lights; golden hued figures sustain silver shells, and metallic lions rampant with distended jaws, are receptacles for waste paper.

"Victorian Renaissance," is a new fabric with a beautiful silky surface, both sides alike, recently introduced for upholstery and hangings. It is being extensively pushed by Messrs. Howell & James, in London.

Varnish for glass: Reduce a quantity of gum tragacanth to powder, let it dissolve for twenty-four hours in the white of eggs well beaten up; rub gently on glass with a brush.

Paint to dry in half an hour. Mix the colors in gold size and spirits of turpentine; let each coat dry before the next is applied. Varnish over to give a gloss.

The glass works in Belgium, it is said, have shut down on half of their workmen. Wonder if their elections have this effect too.

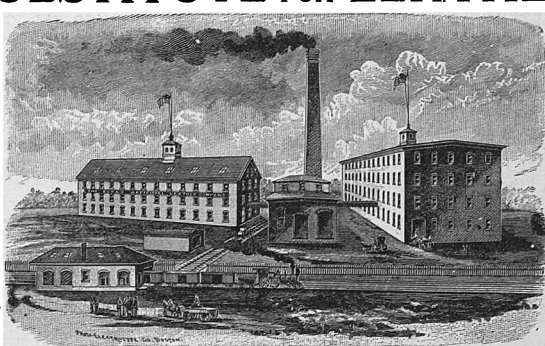
Cretonne hung over the walls makes a very delightful decoration.

We advise subscribers to begin with the Oct. (1884) issue, the commencement of Vol. V.

Wire stands for the window are made to hold indoor plants.

Plaids are fashionable in decoration.

HAVE YOU TRIED THE IMPROVED SUBSTITUTE FOR LEATHER.



Medals received for Best Substitute for Leather at the Cincinnati and Louisville Expositions of 1883.

It is indistinguishable from real leather in nature and appearance, is manufactured in all desirable colors, is not affected by the temperature, is impervious to water, and is made in light and heavy weights so that it may be substituted for cheap as well as costly leather.

IT COSTS LESS, varying from one-third to two-thirds, according to the kind of leather it is used in place of.

It is especially adapted for **UPHOLSTERING FURNITURE**, for **LAMBREQUINS**, **PORTIERS**, and **DECORATIVE** purposes generally.

Special attention is called to our **ALLEGATOR** goods, being now largely used for furniture coverings, and also our **NEW EMBOSSED LEATHER SUBSTITUTE** in any design suitable for wall decorations, ceilings, and other purposes.

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General Agent.

EVANS ARTIFICIAL LEATHER COMPANY,
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in sending for Samples state the purpose for which the Goods are intended.

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62 to 68 CHURCH STREET,

—NEW-YORK—

227 to 251 South Clinton Street, Chicago.

Electric Bells, Hotel and House Annunciators.

Burglar Alarms, Automatic Fire Alarms.

ELECTRIC GAS LIGHTING FOR CHURCHES, THEATRES AND PRIVATE DWELLINGS.

Estimates on work in any part of the country furnished on application.

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IRON
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HAIGHT & CLARK,
IRON FOUNDERS, ALBANY, N. Y.,
Manufacturers of Ornamental and Art Castings, Castings for Piano, Organ
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MACHINERY CASTINGS OF EVERY DESCRIPTION.
IRON STOVE PATTERNS TAKEN FROM THE WOOD.
Correspondence Invited.
JAPANNING, NICKEL-PLATING, BRONZING.

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Manufacturers of Decorative Articles in Metal.

Friezes, Panels and Dados for the Interior Decoration of Houses, Hotels, etc.
Perels for Furniture from imported and original designs. Facings and Tiles for Mantel Pieces, etc.
in Copper, Brass, Bronze and Silver.

Special attention is called to the reproductions from natural leaves and flowers in the panels and tiles for furniture and interiors.
Correspondence solicited and estimates furnished on application.





Paneled, Fluted and Crimped
SHEET IRON CEILINGS,
 Ornamental and Highly Attractive in Appearance.
FIRE PROOF AND DURABLE.

Will not crack, stain, or fall off like plaster; will not shrink, warp, or burn like wood. Suitable for Halls, Churches, Stores and Offices. These ceilings are especially valuable for ceiling over old plaster. The plaster need not be taken off. **No plaster will lift through.**

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DECORATIVE STAINED GLASS CO.
 DESIGNS FURNISHED FOR

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 Nos. 5 & 7 EAST FOURTH STREET,
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SIDNEY L. SMITH, JOHN CALVIN, THOMAS WRIGHT, All formerly with John La Farge.

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Strainers, Sanders, Work and Wall Pots (riveted ears), Gallon Cans, etc. Galvanized Iron Kalsomine Pails, Size Kettles (double bottoms), Dippers, Tanks, Pumps, etc. Rung and Step Ladders, Trellises, Fresco Standards (Plain and Gorman's Patent), Swing Scaffolds, Ropes, Blocks and Irons (Gand angle). Agents for Gorman's Patent Fresco Standards. Galvanized Iron Pails, Dippers etc., for Paper Hanging Factories, a specialty.

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EQUALIZING GAS MACHINE,

For making standard uniform Gas instantly without fire, danger, smoke or smell.
USING PLAIN BATTING BURNERS.
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With LATHE Attachments for foot and steam power. The latest and most improved for the work-shop or amateur. Prices, \$10 to \$50.

New catalogue free. Address,
Seneca Falls Mfg. Co.,
 225 Water St., **SENECA FALLS, N.Y.**

HINTS AND NOTIONS.

Drinking cups of green enameled glass are mounted in brass with ornaments in sunk silver, and goblets are enriched by groups of animals or classic subjects. Glass vessels are turned out of two distinct layers, one blue and the other opal, medieval figures being engraved on the outer layer or they are eaten out of the material by acids. A charming variation of treatment is produced by imposing transparent designs on a dull ground, or the reverse. In the application of enamel ornament to metal, this is done with a brush, the surface being prepared with aqua fortis. Heat is afterwards applied which drives off the quicksilver.

From the American Solid Leather Button Company.

PROVIDENCE, R. I.

Gentlemen:—Would state that the best evidence of our appreciation of your publication as an advertising medium is the fact that we have used its columns continuously since its first issue.

Very truly yours.

CHARLES E. BAILEY, Pres.

Lord Wolseley, commander of the English army, says we have no generals worthy of the name. This is an interesting opinion from a man who has never fought against a civilized people, but has made his advancement entirely by a successful warfare upon savages. Lord Wolseley would have found his experience with Cetewayo, Arabi, or El Mahdi rather tame had he ever had as an opponent, Moltke, Chanzy, Skobeloff, Grant, or Sherman.

Japanese fans, as well as those of ordinary shape made of paper, are very useful for brightening up sombre rooms. They are very cheap, and are made in all varieties of brilliant colors. They look particularly well over pictures, not only as a temporary, but as a permanent decoration, as they break the monotonous straight lines of a number of picture frames, and add a touch of color to the walls where it is often very much wanted.

To clean wall papers: Take off the dust with a soft cloth. With a little flour and water make lump of very stiff dough and rub the wall gently downward, taking the length of the arm at every stroke. As the dough becomes dirty cut the soiled part off. Don't cross the paper or go up. Some of the expensive papers will not clean this way; it is therefore best to test them in an obscure corner where the harm will not be great if slightly injured.

Metal mountings on massive articles of furniture, especially those showing antique carvings, are adopted in moderation. Some fine inlaid brass work also appears. The chief application to modern furniture is in key-hole plates and handles artistically designed. The exposed flanges of hinges afford means of display of pleasing geometric designs in open work.

From the New England Machine Co.
 BOSTON.

Gentlemen:—We are very much pleased with the returns from our ad. in your journal, and consider it a perfect medium through which to reach the public.

Very truly yours,

N. E. DECORATING MACHINE CO.

Be careful to avoid an air of heaviness in small rooms. It is better to use too little material than to let it appear overdone. Trails of ivy look light and graceful hanging at the sides of a picture or mirror springing from a light bunch at the top. If the sprays are refractory, they should be wired. Laurel has a disagreeable smell, and should be used sparingly in small rooms.

Lace curtains at this time of the year may be trimmed with border of Autumn leaves.

Bronze ornaments on the ceilings are very rich when lighted up.

Glass table bells are the latest.

Universal Wood Worker.

PATENTED APRIL 3, 1883.
 THREE MORE PATENTS APPLIED FOR.

The simplest and best Router or Mortising Machine, Boring Machine, Straight Stucker or Variety Moulder, Engraving and Rosette Machine, Wagon Hub and Window Pulley Mortiser ever invented.

THE MOST USEFUL MACHINE
 IN A

Furniture or Cabinet Makers' Shop in the World.

Don't fail to send for illustrated catalogue and full particulars. Every Machine warranted and sample work sent to any address in the United States, express on samples paid by me.

R. T. WHITE,

40 Oliver Street, BOSTON, Mass.

Special Food for the Brain and Nerves,

Composed of the Nerve Giving Principles of the Ox Brain and Wheat Germ.

VITALIZED PHOSPHITES.

This is a Standard Preparation with all Physicians who treat Nervous or Mental Disorders. For twelve years its careful chemical composition has been superintended by a Professor of Materia Medica and Chemistry, and its correct analysis vouched for by a Professor of Chemistry and Technology. It is the only **Vital Phosphite known**; other preparations of Phosphorus are laboratory compounds. **Formula on every label.**

It is used for the cure of all nervous troubles, restoring the vigor lost by overwork, anxiety, worry, sleeplessness, pain or debility.

It aids in the bodily and wonderfully in the mental growth of children. IT IS A **PREVENTIVE OF CONSUMPTION AND A POSITIVE CURE FOR NIGHT SWEATS.**

F. CROSBY CO., No. 56 West 25th Street, New York.

FOR SALE BY DRUGGISTS, OR SENT BY MAIL, \$1.



Clover Leaf Ventilators & Chimney Caps

FOR VENTILATING PUBLIC AND PRIVATE BUILDINGS, RAILROAD CARS, SOIL AND WATER PIPES AND WATER CLOSETS.

SMOKY CHIMNEYS CURED,
 Stationary, Durable, Noiseless, Storm Proof and Cheap.

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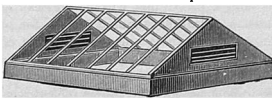
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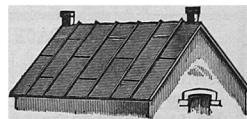
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Guaranteed absolutely weather, storm, fire and condensation proof.



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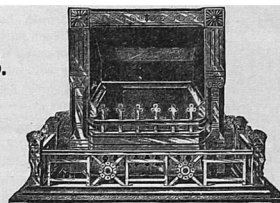
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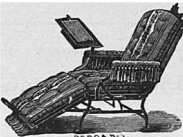
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Designs and Estimates Furnished Free of Charge.



If You Want the Best, Buy Only the
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Seven Articles of Furniture combined in one, and adjustable to any position desired, for ease and comfort. Seated with the Wakefield Woven Cane, and Upholstered to order.

Over 15,000 now in use.

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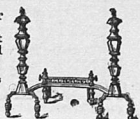
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Architects
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**FANCY GRILLS,
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Are requested to forward plans, or have us call and give estimate. Special attention given to Wrought Iron Fencing, Window Guards and Stable Goods.

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 Nos. 1126, 1130 & 1132 Ridge Av.,
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 Old Stand of Robert Wood & Co.



Artistic Furnishing.

The author of "How to FURNISH A HOME," published by D. Appleton & Co., having received frequent requests through her book to superintend the Furnishing of Houses, is now prepared to furnish artistically, according to style of house, from the simple Cottage to the more imposing Mansion. Especial advantages for the selection and purchase of pictures, *bric-a-brac*, pianos and parlor organs, whether separate from or in connection with other furnishing. Tasteful furnishing, with original designs and combinations, on a moderate expenditure; goods safely despatched to any distance. For terms, references, etc., Address, HOME, P. O. Box 22, Brooklyn, N. Y.

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DESIGNER AND ARTIST IN
Fresco Decorations,
896 BROADWAY, Room 10,
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Established since 1848.

JOHN LAW,
Decorative and Plain Painter,
PAPER HANGINGS, ETC.
Designs and Estimates Furnished.
1679 BROADWAY,
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957 Sixth Avenue, near 53d St.
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WADSWORTH, HOWLAND & CO.
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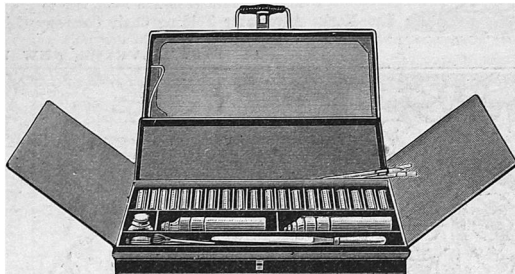
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ARTISTS' MATERIALS,
Decorative Art Goods, Art Pottery, Picture Frames



CHARLES J. EDMANDS,
12 Bromfield Street, Boston.
CATALOGUE SENT UPON APPLICATION.

HINTS AND NOTIONS.

Framing pictures. A good deal of attention has been given to the artistic framing of pictures recently, and very novel effects may be produced which make a handsome subject of the simplest engraving or colored photograph. For a large picture, a cheap and unique frame may be manufactured of an ordinary pine frame over which is tacked, crossing at the corners, three rows of small rope—the usual clothes-line grass rope being the proper kind. Tack or secure the ends on the back of the frame, so that when the picture is fastened within, heavy brown paper or muslin may be pasted over as a finish. After the ropes are on, stain the whole in imitation ash or oak; then with gilding, bronze, or the blue, rose and copper tints that may be bought, touch the rope lightly over, either at intervals or entirely. A mat of coffee-sacking gilded, or some of the rich Japanese papers that may be bought reasonably, would harmonize well with such a frame. Old frames covered with velvet or of any rich shade, with a mat of Madras drawn full over pasteboard, come out quite handsomely. Another effect may be made by fastening small leather straps, tinted or gilded, across the corners. Bunches of fruit on dark walnut, ash or oak frames—that is, a single bunch at the upper right hand corner, with a bow of ribbon—have taken the place of flowers. An old frame may be made new by covering it with a puffing of tinsel gauze—the ordinary tulle would do—and a pretty mat within. Instead of the plush and leather standing frames for photographs, very artistic ones can be made of two pieces of water color paper pasted together and one side cut with openings for the cards. They are to be made like the panels of a screen and shaped with some kind of points at the bottom so as to stand when joined. This joining of, say, a couple or three panels is done with flosselle fastened through eyelets pierced at the top and bottom. A bright gold, or dark red, ribbon, tied in a double-looped bow is pretty. When the frame is made, it may be tinted a delicate shade with water color, and ornamented with stray blossoms, or bits of creepers, or a little sentiment worked out in quaint lettering. It would be better to cut the exact pattern of each panel in brown paper, so as to leave the opening for the cards properly, before attempting to make it up in the water-color paper. It works out very nicely and is a dainty conceit for a gift.—*Demorest's Monthly.*

From Edwin Louderback & Co.

PHILADELPHIA.

Gentlemen:—We consider your paper a most valuable journal, as our experience proves it to be well circulated all over the country, and that it reaches the best class of dealers, and people who are in want of fine goods. We have had numerous inquiries through the advertisement in your paper, and the connections we have made have been most satisfactory.

Yours truly,

EDWIN LOUDERBACK & CO.

Iron rust may be removed from delicate garments, upon which you dare not try oxalic acid, by mixing the juice of a lemon with some salt; put this over the rusted spots, and then hold over the spout of a steaming tea-kettle. This is almost always effectual.

Labels may be fixed upon tin boxes, etc., exposed to damp by the following method: White of egg is diluted with one half part of water and applied with a brush to the surfaces, to be united. A hot iron is then passed over the paper, so as to coagulate the albumen.

White rugs on dark floors is a winter fashion.



F. W. DEVOE & CO.,
Corner of Fulton and William Streets,
NEW YORK,
MANUFACTURERS OF
ARTISTS' MATERIALS.
Mathematical Instruments, Engineers, Draughtsmen and Architects Supplies.
READY MIXED PAINTS
FOR EXTERIOR WORK.
Wood Fillers and Wood Coatings for Inside Work.
MANUFACTURERS OF
COLORS, VARNISHES AND FINE BRUSHES

SOLID RELIEF,

The New Decoration for Side Walls and Ceilings.

PATENTED JULY 24, 1883.



Artistic, Durable and Impervious to Atmospheric Influences. Fire and Water Proof. Special Designs in this Decoration.

A room decorated with Solid Relief can be seen at the Casino, Central Park

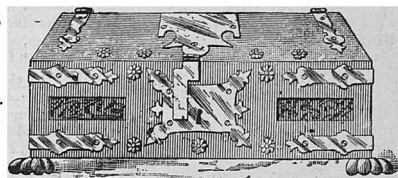
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Messrs. LOUIS* & CO.,
DESIGNERS AND DECORATIVE ARTISTS IN FRESCO,
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Papier Mache and all the Latest Inventions in Relief Decoration,

Office and Show Room, 1193 BROADWAY, Studio 31, NEW YORK.

*LOUIS W. HNATKOWSKI

SKETCHES, SAMPLES AND ESTIMATES ON APPLICATION

HINTS AND NOTIONS.

How celluloid is made. A roll of paper is slowly unwound, and at the same time saturated with a mixture of five parts of sulphuric acid and two of nitric, which falls upon the paper in a fine spray. This changes the cellulose of the paper into pyroxyline (gun cotton). The excess of acid having been expelled by pressure, the paper is washed by plenty of water, until all traces of acid have been removed; it is then reduced to pulp, and passed on to the bleaching trough. Most of the water having been got rid of by means of a strainer, the pulp is mixed with from 20 to 40 per cent. of its weight of camphor, and the mixture thoroughly triturated under millstones. The necessary coloring matter having been added in the form of powder, a second mixture and grinding follow. The finely divided pulp is then spread out in thin layers on slabs, and from twenty to twenty-five of these layers are placed in an hydraulic press, separated from one another by sheets of thick blotting paper, and are subjected to a pressure of 140 atmospheres, until all traces of moisture have been got rid of. The plates thus obtained are broken up and soaked for twenty-four hours in alcohol. The matter is then passed between rollers heated to between 140° and 150° Fahr., whence it issues in the form of elastic sheets.—*Furniture Gazette* (London).

Recipe for cleaning jewellery, silver, etc. To one pint stale beer add one-third pint strongest ammonia, let stand for ten days, keep well corked. Put a little of the above in a saucer, in another dish some cream of tartar, say one-half teaspoonful, then take the stiffest brush, dip in the solution, then in the cream of tartar, and apply to the article to be cleaned. Striking with the brush is better than brushing, as thereby you can get into the corners and crevices. Wash the article with soap and warm water after cleaning, and dry in sawdust. For Roman gold and frosted jewellery, also frosted silverware, it is especially recommended, and will make the article look like new goods. Keep the cream of tartar in box or bottle well corked.

The American Institute Fair (N. Y.), is rich in house appliances newly invented or improved. A thermometer upon which the condition of temperature may be determined at a considerable distance without peering at it as closely as has been found necessary with the old style, a soapstone material for wall and ceiling application, new enameled bricks, novelties in furniture, beds that fold up into almost nothing, bath tubs that can be stored away into the smallest conceivable space, improved cooking apparatus, a vapor and shower bath that may be transported to any part of the house, and a host of other things only to be appreciated by being seen.

Statues of white marble, etc., stand out well in a gallery where walls are of pearly gray color, and if we would augment the whiteness of the statues by neutralizing the red hue the marble, stone, or even the plaster may have, we could then color the walls with chamois or orange gray color. If, on the contrary, we preferred giving to the statues a warm color, the walls must be blue gray. Painted green, they will give to the statues a rosy tint.

To whiten flagstone jewellery. For the benefit of our lady friends we insert the following simple recipe for whitening delicate silver articles: Boil them, until they are sufficiently cleansed, in a solution of one part cream of tartar, two parts common salt, and fifty parts water.

In nature when a surface on a dark ground reflects uniformly a strong light, the edges of the former appear more brilliant than the center, while those portions of the ground contiguous to these edges appear darker than the rest of the ground.

Black surfaces appear tinted with the complementary of the colored light of the contiguous body; but the tint will be very faint because it is manifested upon a ground possessing but a feeble power of reflecting light.

A light trellis work of leaves looks very well to cover a blank space or hide an ugly door. It is made by sewing single leaves on tape, or wiring them on thin laths of wood, with a cluster of leaves or berries where the bands cross each other.

For convenience in cleaning lamp chimneys, nothing is nicer than a small sponge attached to the end of a stick.

Corner shelves for bric-a-brac are fixed near the ceiling.

Fern cloth is a material used for covering and protecting upholstered furniture.

Established 1843

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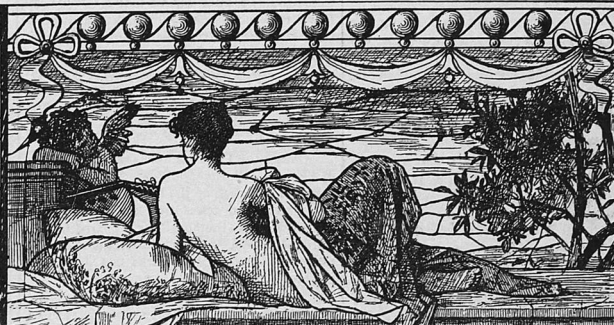
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Prepared Gypsum
For Whitening and Coloring
Stores, Dwellings, Churches,
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any purpose where whitewash
or kalsomine is used;
A Beautiful,
Durable,
and Cheap
wash for the wall, outside or
inside; it will be good for
years if kept covered with
water. It is smooth, like
paint. For use, reduce with
water quite thin, and apply
with kalsomine brush.
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Stained, Enamelled, Embossed and Cut Glass
Memorial Windows and Domestic Work of every kind
Correspondence solicited and estimates furnished.
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No. 410 WEST 40th STREET,
Between 9th and 10th Aves. NEW YORK.

ESTABLISHED 1880.
Manhattan House-Cleaning Bureau,
JAMES E. GARNER,
234 Seventh Ave. New York.
Buildings, Stores and Dwellings Cleaned and
Disinfected. Woodwork, Furniture and Floors
Polished. Carpets Cleaned, Made Over and Laid.
Store Windows and Show Cases Polished to per-
fection. All kinds of House Cleaning and Ren-
ovating promptly done.

HINTS AND NOTIONS.

Metallic coating for articles of papier mache, etc. A liquid cement for giving a cheap and durable metal coating to papier maché, plaster of paris, clay, slate, hardened cement, metal, etc., is prepared by two combined processes which complete one another. The first coating consists of the following ingredients, which are mixed in the following proportions, viz.: No. 1, sixty parts powdered colophony; fifteen parts alcohol, spirit of wine, or pyroxylic spirit, ten parts turpentine, ten parts petroleum spirit, five parts silicate of soda—total, one hundred parts. The liquid thus prepared is spread upon the object to be treated after the manner of applying a sizing, and renders the articles to which it is applied more firm and waterproof. When it is desired to give a metallic finish in imitation of metal to the object treated with the above composition, apply to its surface, before the composition has hardened, a dust of any desired metal—e. g. silver or copper, etc.—by means of a fine camel's hair brush, after which the metallized object is dried in warm air or in the sun.

In order that not only the metal dust may adhere, but that also the metallic color may be retained and not oxidize on exposure to the air, the second composition or varnish is laid quite lightly on the metallized surface after the lapse of a few days. To prepare this composition No. 2, dissolve, first of all, one part of bichromate of potash, in five parts of water, and mix them, say, eighty parts of distilled water, fifteen parts of Russian glue, five parts of the above solution, or five parts of chromate of alum and water (1.5)—total, one hundred parts. After the object thus treated has been dried for some days in warm air or in the sun it will be found that this layer or metallic surface will become so hard and firm that it will not be injured by exposure to the heat of the sun, or to frost or moisture.—*London Furniture Gazette.*

An advertiser writes: "I had so many replies to my advertisement that for a while I could hardly believe they were legitimately sent, but as they kept coming in steadily month after month I gave up that idea and am convinced that your paper goes to the right kind of people."

Self-colored tiles, particularly sepia, and mottled as to shades, are now being conjoined with mosaic, and are interspersed with good effect both in hearthstones and mantel borders. To the clearness of mosaics as to color the brilliancy of the encaustic tile responds, the former acting as a setting for domestic and kindred subjects such as Dutch artists of old delighted in representing in wood carvings or in cerulean blue colors on a light ground. The same designs in relief and sunk in mosaic, the latter disposed in irregular form simply as they fit in with each other, appear to great advantage.

Don't consign to the rag bag even the most worn pieces of old ingrain carpet. Cut them into strips, braid, and sew for a rug. The more raveled and tattered the strips the prettier the rug will look, more like a tufted yarn rug. Anything that will hold together while braiding will do. Once I burned a half barrel of old, ragged moth-eaten pieces of a three-ply carpet. I regret it. I wish I had dusted the faded breadths, dipped them into scalding dyes of green, scarlet, black, cut them into strips and made a soft, bright rug to lay at the foot of the hall stairs.

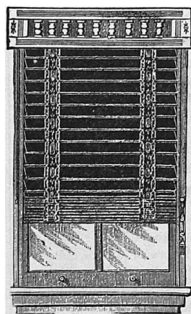
From the Brunswick-Balke-Collender Company. NEW YORK.

Gentlemen:—We beg to say that we consider the DECORATOR and FURNISHER the best journal of its kind published. We find it an excellent medium for advertising.

Yours very truly,
THE H. W. COLLENDER Co.
Brass shades are "the thing" for lamps.
Flemish ware is popular.

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ECCLÉSIASTICAL + DOMESTIC
Stained Glass,
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Made of Slats, 1 1/4, 1 1/2, 1 3/4, 2 or 2 1/2 inches wide, with Linen, Worsted or
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These Blinds will fit any window, without alteration to window frames,
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AGENTS WANTED EVERYWHERE.

HINTS AND NOTIONS.

Decoration of the Metropolitan Opera House. The importance of a judicious selection of color, apart from design, has been strikingly illustrated in the painting of the interior of the Metropolitan Opera House where the all-abounding orange tint established a disadvantageous contrast with the dresses of the female portion of the audience. Owing also to the vast area of the walls, the arabesque and flagee work upon them looked frivolous. Now all this is being changed under the direction of an eminent decorator and a complete transformation will be witnessed by the tenth of this month. Dark red silk for the lining of the boxes, and red paint and gold leaf for surfaces plain and in relief in the proscenium, and panels and ornamental moldings of the tiers are the leading factors. The effect is certain to give the house a brighter and more cheerful appearance.

Volumes III. and IV., complete, have been bound in cloth in one book. On the side and back THE DECORATOR AND FURNISHER is embossed in gold. We are selling them at \$6.00.

Mexican furniture. The cost of furniture in Mexico is considerably higher than in this country, especially elegant and luxurious articles, whether imported or of home manufacture. All grades and styles from the most common to the most elegant, are manufactured in Mexico, the inlaying, moldings, and carving being all done by hand, and in some instances the materials are imported from the United States, owing to the fact that Mexico has no large stocks of seasoned woods. Notwithstanding the advantages of artistic machinery, seasoned materials, and cheaper methods of production, our furniture cannot successfully compete with native productions on account of the excessive charges for transportation and duties, the aggregate of which amounts to 150 per cent. on the original sale price.

Contrast and harmony of colors.

CONTRASTS	HARMONIZES
White.....Black, Brown.....Any color.	WITH
Yellow.....Purple, White.....Orange and pale colors.	
Orange.....Blue.....Pink.	
Red.....Green.....Crimson.	
Green.....Red.....Yellow.	
Purple.....Yellow.....Crimson.	
Black.....Pale colors.....Deep colors.	
Gold.....Dark colors.....Light colors.	

White, as a ground color, sets off well with blues, purples, violets, reds, greens and browns.

Black with drabs, pink, lemon, gold, light blues, greens, purple and salmon.

Blue with gold, pink, salmon, buff, light blues, yellows and drab.

Green with gold, purple, pink, lemon, dove, flesh, stone, pearl, light greens and yellow.

Red with lemon, pearl, gold, pale blues and greens.

From the Eagle Shade Roller Co.

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Gentlemen:—We have advertised in the DECORATOR AND FURNISHER for the past year or so and are satisfied that it is one of the best journals of its kind in circulation. We consider it A 1 as an advertising medium, besides being very attractive and containing much that is instructive and interesting to the reader.

Yours very truly,

THE EAGLE SHADE ROLLER CO.

Beware of worsted picture cords with which to suspend massive frames and heavy pictures. They are not safe, for not only do they become moth eaten, but after months of continuous strain on their strands they suddenly give way and down comes the heavy, crushing weight on to anything that may lie in its way.

To stain stones. Pour on, boiling hot, the stain used for woods, according to imitation required, brush it well over every part with rushes, varnish with seedlac varnish.

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Stained, Enameled, Embossed and Cut Glass,
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The Most Perfect Substitute for Stained Glass.



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For Churches and Dwellings.
ALSO,
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Memorial Windows a Specialty.

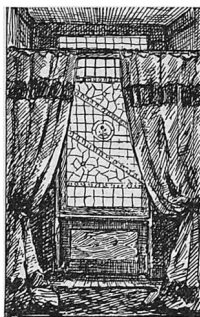
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Repairing of every description of Bric-a-Brac and Art Treasures, no matter how badly broken. All kinds of Marble, Alabaster, Parian and Terra-Cotta cleaned and repaired equal to new. Bronze, Silver Ware, Ivory and Pearl Fans, Fancy and Inlaid Wood Work, Tortoise Shell Combs, Dolls, Jets, Rubber, etc. Glass ground and cut to order. Missing parts made and painted to defy detection. China and Glass Riveting a specialty. Repairing called for and delivered. Manufacturers of the "ORIGINAL STRATENA."

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The "EUREKA" gives the most Perfect, Cheapest and Best Decoration for Churches, Store Fronts, Offices, Parlor, Chamber and Bathroom Windows, Sky and Dome Lights. It can be applied to glass already in the sash without removing them.

Send diagram of window, giving exact size of pane of glass showing between the wood and the thickness of sash bars.

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Designs and Prices sent on application.

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FINEST UPHOLSTERY
IN ALL ITS BRANCHES.

Patrons can select from samples of the latest patterns, kept constantly on hand, or by themselves, out of the stocks of leading houses in the trade. Curtain Drapery and Hangings a specialty.

Fine Upholstery and Decorations
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Work for Architects a Specialty.

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Designer and Manufacturer of
Fine Art Furniture

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Artistic Antique Work a
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Hardwood Doors, Ceilings, Mantels, Trimmings,
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Cabinet Makers,
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MANUFACTURER OF
Furniture in Bamboo Style,
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FIRE GILDING ALSO DONE.

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LUBURG CHAIR.
Library, Smoking, Reclining,
and Invalid Chair Combined.
50 CHANCES. Price, \$7.
LUBURG MFG CO. 142 N. 9th St., PHILA. PA.

JOHN ERLANDSON & CO.,
Antique Furniture,
In Artistic Styles.
CORNER CHAIRS,
NOVEL DESKS,
Wood Mantels made to
order after Special Designs.
Particular attention paid to
French Polishing.
100 Utica Street, Boston, Mass.

HINTS AND NOTIONS.

To paint windows in imitation of stained glass. First draw the design on paper then paint it and affix it to the outside of the pane with a little gum. Then paint the inside over the design with varnish colors. In this way the same design may be used as often as desired, and the most brilliant hues may be obtained, as the colors are transparent and cannot be distinguished from stained glass. Use a separate brush for every color and never use for any other until it has been well washed with oil of turpentine. The coloring must not be too thick and can be tempered with a small quantity of oil of turpentine. Paint the lighter colors on the lighter parts of the design first and then the darker shades on the shaded parts. The glass should then be placed in a warm, dry place for a few days. If the glass is in the window sash keep the windows shut, as no dust must get on the work.

From A. Hammacher & Co.

Gents:—We are pleased to say that in our opinion, which is based upon a year's experience, the DECORATOR AND FURNISHER as an advertising medium is all that can be desired, and is entitled to rank with the oldest and best papers.

Very respectfully,

A. HAMMACHER & CO.

Composition for ornamenting picture frames is made as follows: Dissolve one pound of glue in one gallon of water; in another kettle boil together two pounds of resin, one gill of Venice turpentine, and one pint linseed oil; mix all together in one kettle, and continue to boil and stir them together until the water has evaporated from the other ingredients; then add finely pulverized whiting till the mass is brought to the consistence of soft putty. This composition is hard when cold, but when warmed can be molded to any shape.

Silvering Ivory. Immerse a small slip of ivory in a weak solution of nitrate of silver and let it remain till the solution has given it a deep yellow color; then take it out and immerse in a tumbler of clean water and expose it to the sun. In about three hours the ivory acquires a black color, but the black surface on being rubbed soon changes to a brilliant silver.

We have to remind our friends that subscriptions are payable invariably in advance, and new subscribers are requested to remit with their order.

To prepare smoky rooms for painting, let the smoky gloss be rubbed off with sand paper and whitewash with newly slacked lime. When this is dry brush it off clean, scrub with strong pearl-ash water, and rinse it off with clear water, finish by giving it a coat of weak size with a little whitelead powder mixed with it, or dissolve alum in hot water and brush on.

An incandescent electric lamp has been patented by Mr. James W. Benson, of North Adams, Mass. It is constructed with a spring pawl attached to the globe cap and engaging with ratchet teeth formed upon the outer surface of the insulating ring, so the globe will be locked against accidental displacement.

In buying wall hangings, qualities that come from eight to sixteen cents a single roll, I have learned to select only those having a brown under surface, for, when wet with paste, they do not tear as easily as hangings with a white under face.

Waterproof varnish for linen or calico. One pint turpentine, one and a half pint linseed oil, seven ounces litharge, one ounce sugar of lead. Strain and apply with a brush and dry in the sun or in a warm place.

Did Julian Hawthorne intend an anonymous reference to Henry James when he said in his recent lecture: "An American snob is not a feeble-minded man, he is an unjustifiable monster."

One of the most attractive objects at the Nice Exhibition is said to be a Chinese clock which is stated to date back only eight hundred years before the birth of Christ.

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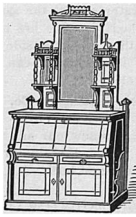
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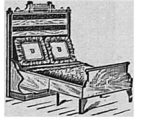
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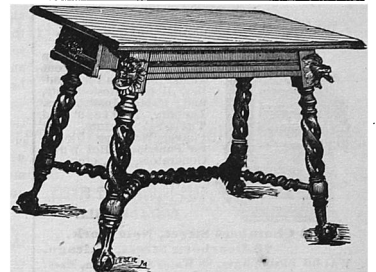
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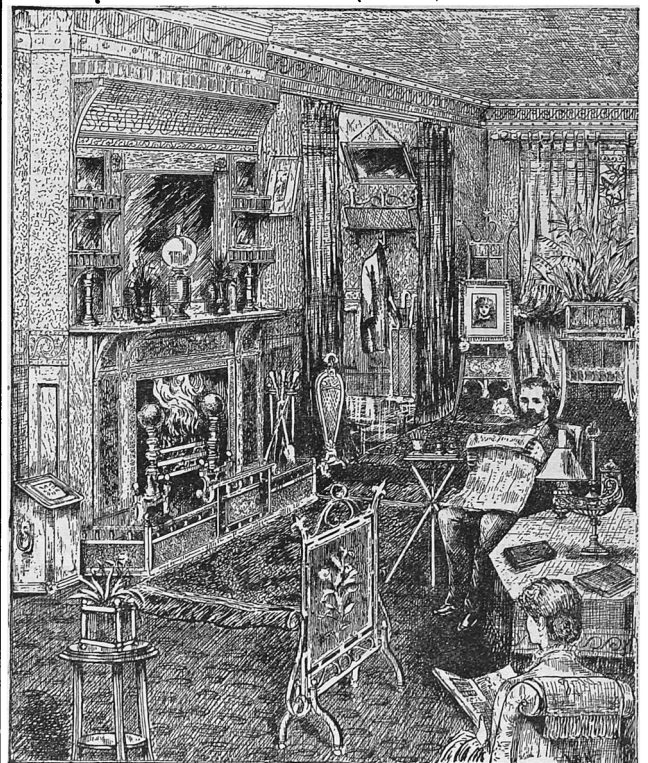
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Gentlemen:—You may renew our ad. for another year. We have found that inquiries from it were first-class and meant business.

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Parlor mantels having the black Japanned old-fashioned iron summer pieces, can be made rich and massive looking by coloring to imitate old bronze. The depths and shadows of the iron should be left black and the prominent parts painted with a mixture of brown paint, varnish, and some copper bronze with a little silver. When nearly dry wipe the high lights and sharp projections with a chamois dipped in the copper bronze. The flat surfaces can have some bold dashes here and there of the brown, and at random splashes of the copper and silver bronze.

Windows have much to do with decoration, and the form of decoration should be considered when making the windows. If the walls are to be of a dark tint they will absorb much of the light which enters, and consequently the windows must be quite large to avoid a gloomy appearance; whereas a light color on the walls reflects much of the light thrown upon them and adds materially to the cheerfulness of the room; in such a case less area of window opening is required to have a good effect.

Ladies are making use of the figure and scene pieces which are a feature of French upholstery cretonnes, working over the patterns with crewels, silks, and tinsel thread. Folding screens, designed as a protection from draughts, have a wide band of plush top and bottom, and a center piece of these cretonne figures.

Arsenical wall paper may be tested by placing a small piece in a saucer and pouring on it half a teaspoonful of ammonia. If any arsenic is present the ammonia will very soon become a rich blue color, and if, on placing a piece of nitrate of silver about the size of a pea in the solution, a yellow ring forms around it, the presence of poison is positive.

To clean coins. To polish and clean old copper coins which are covered with oxide and dirt, first boil them in a strong aqueous solution of caustic soda, then rinse in soft water and polish with a little putty powder, rouge or tripoli.

Varnish for etchings. Hard varnish is made by melting together four ounces each of linseed oil and mastic. For soft varnish mix linseed oil four ounces, gum benzoin, and white wax half an ounce each, and boil two-thirds.

To prepare damp walls for painting, brush them with one pound of glue dissolved in one gallon of water and thickened with red lead.

Varnish for pictures. Take the white of four eggs and two ounces of loaf sugar, beat them in lime water to the proper consistency for varnishing.

If you have a friend to whom you wish a specimen copy of this paper sent, let us know his or her name and address.

Plush may be cleaned by using lightly a soft sponge dipped in weak solution of borax and water.

Table covers of yellow satin embroidered with tinsel and embellished with gold fringe are handsome.

To remove varnish from painted work. Use strong borax in hot water, finish with clear water or spirits of ammonia.

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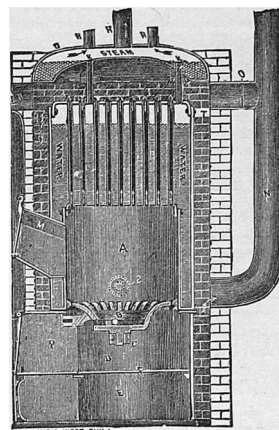
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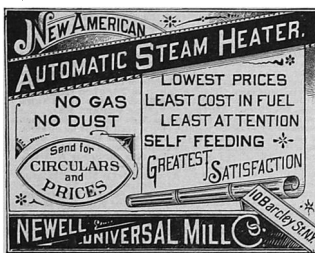
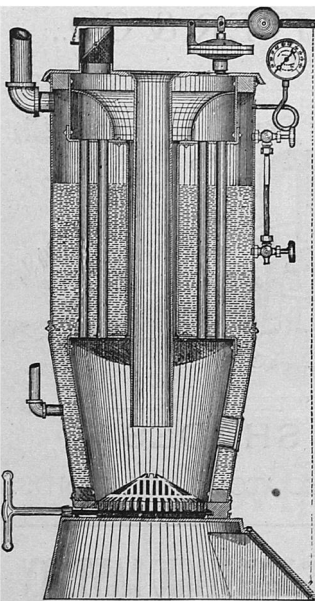
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HINTS AND NOTIONS.

Colors for Barbotine painting. *Turquoise* is a light bluish-green transparent color, similar to that seen on old Persian pottery. It should always be used pure as a glaze.

Ultramarine is similar in tint to the ordinary French ultramarine. It can be mixed with white, but is better used in a pure state.

Cobalt blue is a very useful color for mixing with white for skies, and for making grays with other colors.

Intense blue is a deep, rich, purplish blue, and might be used for dark backgrounds, and for tracing ornamental accessories.

Transparent yellow green should be mixed with plenty of white for the brilliant lights of foliage. When used pure it is apt to run, except when used as a thin glaze.

Yellow green, mixed with white, makes very nice grayish greens, and if too cold may be mixed with browns to warm them.

Olive green has the appearance of being a cold, dark green before it is fired, but carries out its name very well when glazed. It is dark when used pure, but can be lightened with white.

Dark transparent green is a rich, deep green, very useful for backgrounds when pure, and makes good dark tints with white.

Chrome green is a crude color when pure, but when mixed with a good deal of white it makes good cold gray greens.

Yellow is a light powerful color, somewhat like pale cadmium. It can be used for toning greens, and with white for yellow flowers.

Orange is a strong color resembling deep cadmium. With white, it makes good tints for flowers and autumnal foliage.

Raw sienna is a rich yellow-brown, making good autumnal tints with white, and for toning greens.

Burnt sienna is a deep, rich, reddish-brown, producing charming tints with white and with any of the greens.

Red is a color between light red and vermilion. It makes a good poppy color light, but should not be mixed with yellow.

Burnt umber is a deep, dark brown in tint, rather inclined to madder brown. It makes good tints with white.

Black is a very strong color, rather greenish in cast, and with white makes good dull greens; with more white and yellow it can be used for the shadows of white flowers.

Iron violet makes good purplish grays with white, and is useful in landscape painting for roads and shadows.

Light flesh is a light salmon tint, and with white makes a good flesh tint, and for pinkish-white flowers.

Deep flesh takes a deeper tone than light flesh; mixed with light flesh it makes capital flesh tints. As these colors are painted on they are apt to look patchy, and the more you try to remedy the defect the worse it sometimes gets, as every touch of the brush deposits fresh color.—*The Pottery Gazette*, (London).

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Whatever of real advance is made in chemistry, geography, astronomy, physiology, psychology, botany, zoology, paleontology, geology, or such other department as may have been the field of research, is recorded monthly.

Special attention is also called to the biographies, with portraits, of representative scientific men, in which are recorded their most marked achievements in science, and the general bearing of their work indicated and its value estimated.

Volume XXVI begins with the November number, but subscriptions may begin at any time.

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A new series of practical illustrated articles on Art Needlework will be by Miss L. Higgin (principal of the South Kensington Royal School of Art Needlework). She will also write on Church Embroidery and Church Decoration. Mrs Candace Wheeler (of the Associated Artists), will give her views from her American standpoint.

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The editor is always willing to assist, by advice, without charge, readers who may desire his counsel in decorating or furnishing their rooms.

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HINTS AND NOTIONS.

How to clean plaster statuettes. All of the various methods of cleaning plaster casts, statuettes, bas-reliefs, etc., require much time and care to have the operation successfully performed, and even then the delicate edges of the plaster are apt to be rubbed and broken. A new method has lately been invented that is certainly very simple. All that is necessary is to make a thick paste of starch and spread it all over the plaster article with a broad soft brush. As this paste dries, it hardens, and scales off so that it can be easily removed, carrying with it all the dust and dirt on the plaster, leaving it as white and fresh-looking as if it had just issued from the manufacturer's hands.

A process invented by Edwin Lloyd, Euston Road, county of Middlesex, England, for decorating glass, consists in first painting, printing, etching, or engraving a design or ornamentation on the back surface of the glass; second, coating the design with protecting varnish; third, silvering or gilding the back of the glass and the design or ornamentation; and, fourth, coating the silvered or gilded back with varnish, red lead paint, or other protecting medium or backing.

Papier mache is made by pasting or gluing sheets of straw or other thick paper together when wet and pressing to the shape of the mold or making a pulp of the paper material and pressing the pulp into molds.

Copper and Iron is the new combination of metals, the iron being in open work displaying the copper beneath.

Pine green is the color mostly used for drapery about statuary.

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